

HEALTH
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LINCOLNSHIRE.

Annual Report

ON THE

County Health Services

PART 2.

Report of the Medical Officer of Health by

W. G. BOOTH, M.D., D.P.H.

1941.

Mr. Chairman, Ladies and Gentlemen,

The annual report, which has been drastically curtailed, is mainly statistical in character. In view of the war conditions prevailing, we can feel satisfied that our position has not shown any serious decline. Surgical tuberculosis, which is usually caused by bovine milk infection, is giving us some concern. The remedy for this is out of our hands.

I beg to remain,

Your obedient Servant,

W. G. BOOTH.



STATISTICS AND SOCIAL CONDITIONS OF AREA.

(a) GENERAL STATISTICS.

| | | | | | | |
|---|-----|-----|-----|-----|-----|----------|
| Area (acres) | ... | ... | ... | ... | ... | 267,854 |
| Population (Census 1931) | ... | ... | ... | ... | ... | 92,330 |
| Population (Estimated mid-1941) | ... | ... | ... | ... | ... | 95,910 |
| Rateable Value for the whole County (1st April, 1941) | ... | ... | ... | ... | ... | £359,058 |
| Produce of penny rate for whole County (1940/41) | ... | ... | ... | ... | ... | £1,420 |

(b) Extracts from Vital Statistics for the Year.

| | | | Males. | Females. | Total. |
|-------------|---|--------------|--------|----------|--------|
| Live Births | { | Legitimate | ... | ... | ... |
| | | Illegitimate | ... | ... | ... |
| | | Total Births | ... | ... | ... |

Birth-rate per 1,000 population:—16.7.

Deaths from all causes:—1090.

| | Nett Death-rate. |
|-----------------------|---------------------|
| Urban Districts | 13.8 |
| Rural Districts | 9.9 |
| Administrative County | 11.3 |
| England and Wales | 12.9 |

| | |
|--|------|
| Number of women dying in or in consequence of child-birth | 4. |
| Rate per 1,000 total births | 2.5 |
| Death-rate of infants under one year of age per 1,000 births | 43.1 |
| Deaths from measles (all ages) | 3. |
| Deaths from whooping cough (all ages) | 4. |
| Deaths from diarrhoea (under 2 years of age) | 4. |

BIRTH-RATE.—The birth-rate for 1941 is 16.7 as compared with 16.3 in 1940. The highest rate was in the Boston Rural District, namely 17.8.

Illegitimate births for the year were 5.0 per cent. of the total live births.

DEATH-RATE.—The net death-rate shows a decrease as compared with 1940, the figures being 11.3 and 11.7 respectively. The highest rate was in Boston Borough (14.6) and the lowest in the Spalding Rural District (9.3). The death-rate for England and Wales was 12.9.

INFANT MORTALITY RATE.—The infant mortality rate for 1941 is 43.1 as compared with 40.8 for the previous year. The rate for England and Wales for the year 1941 was 59.

MATERNAL MORTALITY.—The number of women dying from conditions directly associated with child-birth (including sepsis) was 4. This was a rate of 2.5 per 1,000 births which is the same as for 1940.

CANCER.—The number of deaths from cancer during 1941 was 179 as compared with 183 in 1940. This figure represents 16.4 per cent of the total death from all causes, compared with 16.1 per cent. in 1940.

The mortality rate per 1,000 of the population is 1.9.

Negotiations for the establishment of the Lincolnshire joint scheme continued throughout the year and it is expected that a partial scheme will come into operation during 1942.

MAIN CAUSES OF DEATH.—The following table shows the chief killing diseases in the County of Holland during 1941.

| Disease. | Total number of deaths. |
|--------------------------------|-------------------------|
| Heart Disease | 211 |
| Cancer | 179 |
| Cerebral Hæmorrhage | 112 |
| Bronchitis | 51 |
| Pneumonia | 38 |
| Tuberculosis (all forms) | 35 |

VITAL STATISTICS FOR THE YEAR 1941.

Urban and Rural Districts.

| District. | Area in acres | Persons per acre 1931 | Population (mid-year) | Births | | Deaths | | Deaths under 1 year of age. | | Death-rate from Pulmonary Tuberculosis per 1,000 population | Death-rate from all tubercular diseases per 1,000 population |
|-------------------------------|---------------|-----------------------|-----------------------|--------|------|--------|------|-----------------------------|-----------------------------|---|--|
| | | | | No. | Rate | No. | Rate | No. | Rate per 1,000 reg'd births | | |
| | | | | | | | | | | | |
| URBAN. | | | | | | | | | | | |
| Boston Borough | 3257 | 6.9 | — | 382 | 17.4 | 321 | 14.6 | 19 | 49.7 | 0.36 | 0.5 |
| Spalding Urban | 7825 | 1.6 | — | 230 | 16.7 | 175 | 12.7 | 9 | 39.1 | 0.43 | 0.5 |
| Totals for Urban Districts .. | 11082 | — | — | 612 | 17.1 | 496 | 13.8 | 28 | 45.7 | 0.39 | 0.53 |
| RURAL. | | | | | | | | | | | |
| Boston | 84408 | .2 | — | 347 | 17.8 | 195 | 10.0 | 11 | 31.7 | 0.31 | 0.41 |
| Spalding | 87770 | .2 | — | 287 | 15.6 | 172 | 9.3 | 14 | 48.8 | 0.27 | 0.38 |
| East Elloe | 84594 | .3 | — | 353 | 15.9 | 227 | 10.2 | 16 | 45.3 | 0.09 | 0.09 |
| Totals for Rural Districts .. | 256772 | — | — | 987 | 16.4 | 594 | 9.9 | 41 | 41.5 | 0.21 | 0.28 |
| Administrative County .. | 267854 | — | 95910 | 1599 | 16.7 | 1090 | 11.3 | 69 | 43.1 | 0.28 | 0.35 |
| England and Wales | | | | | 14.2 | | 12.9 | | 59.0 | | |

CAUSES OF DEATH

| | Under 1 year | 1 and under 5 | 5 and under 15 | 15 and under 45 | 45 and under 65 | 65 and upwards | All Ages |
|--|--------------|---------------|----------------|-----------------|-----------------|----------------|----------|
| Typhoid and paratyphoid fevers .. | .. | .. | .. | .. | .. | .. | .. |
| Measles | 2 | .. | .. | 1 | .. | .. | 3 |
| Scarlet Fever | 2 | 2 | 1 | 1 | .. | .. | 2 |
| Whooping Cough | .. | .. | .. | .. | .. | .. | 4 |
| Diphtheria | .. | 2 | 1 | 1 | 4 | 4 | 4 |
| Influenza | .. | .. | .. | 2 | .. | .. | 9 |
| Encephalitis Lethargica | .. | .. | .. | 1 | .. | .. | 2 |
| Cerebro-spinal Fever | .. | .. | 1 | 1 | .. | .. | 2 |
| Tuberculosis of Respiratory System | .. | .. | .. | 13 | 14 | .. | 27 |
| Other tuberculous diseases | .. | 1 | 4 | 2 | .. | 1 | 8 |
| Syphilitic Diseases | 1 | .. | .. | 1 | 2 | 2 | 6 |
| Cancer | .. | 1 | .. | 11 | 51 | 116 | 179 |
| Diabetes | .. | .. | 1 | 1 | 4 | 6 | 12 |
| Cerebral haemorrhage, etc. | 1 | .. | .. | 1 | 27 | 83 | 112 |
| Heart disease | .. | .. | .. | 10 | 46 | 155 | 211 |
| Acute Polio-myelitis, etc. | .. | .. | .. | .. | .. | .. | .. |
| Other circulatory diseases | .. | .. | .. | .. | 9 | 30 | 39 |
| Bronchitis | 3 | 1 | 1 | 1 | 8 | 37 | 51 |
| Pneumonia (all forms) | 8 | 5 | 1 | 5 | 8 | 11 | 38 |
| Other respiratory diseases | .. | .. | 1 | 1 | 5 | 6 | 13 |
| Peptic ulcer | .. | .. | .. | 7 | 3 | 3 | 13 |
| Diarrhoea under two years | 4 | .. | .. | .. | .. | .. | 4 |
| Appendicitis | .. | .. | .. | 4 | 1 | .. | 5 |
| Other digestive diseases | 2 | .. | 3 | 2 | 6 | 9 | 22 |
| Acute and chronic nephritis | .. | .. | 1 | 2 | 8 | 15 | 26 |
| Puerperal sepsis | .. | .. | .. | .. | 2 | .. | 2 |
| Other maternal causes | 40 | 1 | .. | .. | 2 | .. | 2 |
| Congenital debility, premature birth, etc. | .. | .. | .. | .. | .. | .. | 41 |
| Road accidents | .. | .. | 4 | 3 | 5 | 3 | 15 |
| Suicide | .. | .. | .. | 2 | 1 | 3 | 6 |
| Other violent causes | .. | 3 | 3 | 18 | 12 | 5 | 41 |
| All other causes | 6 | 5 | 5 | 14 | 14 | 147 | 191 |
| ALL CAUSES | 69 | 21 | 27 | 105 | 232 | 636 | 1090 |

LABORATORY FACILITIES—COUNTY LABORATORY.

—Some difficulty and delay has been experienced in obtaining materials and equipment, but there was an increased number of tests performed during the year. The laboratory has now been moved from the County Hall into adjacent premises, which are much more convenient for general working, sterilisation, and storage purposes.

A point of interest was an outbreak of diphtheria, the organisms of which required incubation for 48 hours instead of the usual 24 hours before definite results could be obtained.

We have been indebted to Dr. R. Knox, of the Emergency Public Health Laboratory Service, for his kindness in examining 150 throat swabs taken in duplicate to act as a check on the methods and media used in our laboratory, also for supplying plates of the type of media used in his own laboratory for comparison with the type used here. The results of the check were of great value and our media comparison was very satisfactory; only in an occasional carrier or convalescent case did any difference in results arise and this could be accounted for by the fact that exactly uniform swabs cannot always be taken in duplicate from the throats of apparently healthy persons.

In collaboration with the Ministry of Health, proposals are now under consideration for the development of a complete pathological service, the main intention of which is to meet the needs of the Emergency Hospital scheme.

The following table shows the examinations carried out during the year:—

| Nature of Test | Number of tests performed. |
|--|----------------------------|
| Smears and deposits for Tubercle bacilli ... | 479 |
| Cultures for Tubercle bacilli | 20 |
| Biological Tests for Tubercle bacilli | 21 |
| Throat Swabs | 1072 |
| Cultures Various | 411 |
| Cultures for Typhoid Dysentery Group | |
| Organisms | 71 |
| Blood Cultures | 13 |
| Cultures for Gonococci | 405 |
| Smears for Gonococci | 542 |
| Routine Urines | 33 |

| | | | | | |
|---|-----|-----|-----|-----|------|
| Designated Milks | ... | ... | ... | ... | 100 |
| Blood Counts | ... | ... | ... | ... | 322 |
| Urea estimations blood or urine | ... | ... | ... | ... | 101 |
| Blood Sugar estimations | ... | ... | ... | ... | 57 |
| Waters | ... | ... | ... | ... | 86 |
| Simple smears and deposits | ... | ... | ... | ... | 56 |
| Fractional test meals | ... | ... | ... | ... | 30 |
| Cerebro-Spinal Fluid | ... | ... | ... | ... | 46 |
| Pleural Fluid | ... | ... | ... | ... | 2 |
| Urine classification of sugar | ... | ... | ... | ... | 1 |
| Widal agglutinations for separate organisms | ... | ... | ... | ... | 232 |
| Occult Blood | ... | ... | ... | ... | 13 |
| Van den Bergh's reaction | ... | ... | ... | ... | 3 |
| Icterus Index | ... | ... | ... | ... | 1 |
| Fragility and clotting time of blood | ... | ... | ... | ... | 2 |
| Vaccines | ... | ... | ... | ... | 5 |
| Worms and Ova | ... | ... | ... | ... | 6 |
| Blood Grouping | ... | ... | ... | ... | 417 |
| Total | | | | | 4547 |

HOLBEACH EMERGENCY HOSPITAL.

A Victor D. 3 mobile X-Ray unit and accessories has been lent for the duration of the war by the ladies division of the Holbeach St. John Ambulance Brigade. A well equipped dark-room has been fitted up and the figures given below show the usefulness of these facilities.

In November, 1941, the County Council decided to convert one ward and all the isolation accommodation into a maternity unit. Consequently this was released in December for the necessary alterations to be carried out. There is now only one room available for isolation purposes. This is a very serious difficulty as it must be appreciated that service cases are admitted to hospital much earlier than civilians suffering from similar conditions. The diagnosis is often uncertain and many cases should be isolated as possible infectious cases until the diagnosis can be confirmed. This has been done until the accommodation had to be given up for the maternity unit. As the large recreation room has been found rather superfluous for that purpose, plans are being formulated for its conversion into five cubicles and a dining room for the auxiliary nurses.

Towards the end of the year two semi-detached houses situated about a quarter of a mile from the hospital were converted into a nurses' home to provide accommodation for four sisters and twelve auxiliaries. It has thus been possible to provide satisfactory sleeping accommodation for the night staff who found sleeping in billets in the day-time rather unsatisfactory. Meals are taken in the hospital, and it is hoped to improve dining accommodation in conjunction with the alterations for the maternity unit. Increased number of out-patients, the X-Ray facilities and the war services type of case dealt with has greatly increased the demands on both medical and nursing staff.

We function as a Group One hospital, and admit practically any type of case, although, technically a group two unit. This affects the staffing very adversely with the result that most of the staff particularly the trained nurses frequently do very long hours.

The following is a classification of the cases treated during 1941 :—

Eczema, acute, chronic or secondary, 12 ; Impetigo, 11 ; Scabies, 60 ; Pediculosis, 15 ; Carbuncles, boils, whitlows, etc., 18 ; other skin conditions, 21 ; Cerebro-spinal fever, 5 ; Weil's Disease, 1 ; Catarrhal Jaundice, 1 ; Encephalitis, 3 ; Tuberculosis Pulm., 8 ; Tuberculosis Non-pulm., 1 ; Dysentery, 2 ; Malaria, 1 ; Erysipelas, 1 ; Scarlet Fever, 1 ; Pyrexia, 4 ; Quinsey, 3 ; Tonsillitis, acute, 13 ; Laryngitis, 3 ; Vincent's Angina, 8 ; Tonsillectomy—adults, 18 ; T's and A's and Adr. only, 193 ; Sub-mucous resection, antrostomy, etc., 13 ; Acute otitis media, 6 ; Chronic otitis media, 20 ; Sinusitis—acute, 1 ; Influenza, 13 ; Pneumonia, 14 ; Pleurisy, 3 ; Bronchitis, 23 ; Acute rheumatism, 1 ; Nephritis, 2 ; Acute abdomen—appendicitis, renal colic, injury, etc., 10 ; Appendicetomy, 5 ; Hernia ops., 5 ; Circumcision and phimosis, 11 ; Injuries to joints without bone injury, 17 ; Dislocations, 2 ; Fractures, 36 ; Rheumatism and Fibrositis, 11 ; Concussion, 7 ; Gun-shot wounds, 4 ; Removal of F.B., 2 ; Multiple abrasions and lacerations, 18 ; Minor surgery, etc., removal of toe nails, 3 ; Burns and scalds, 6 ; Peptic Ulcer Investigation, 8 ; Investigation of chest, 8 ; Conjunc. and other eye conditions, 7 ; V.D. conditions, 5 ; Hysteria, etc., 4 ; Convalescent, 3 ; Miscellaneous, 40.

OPERATIONS.—Under general anæsthetic, 300 ; Under local anæsthetic, 25 ; No anæsthetic (minor cases), 13. Blood and Plasma Transfusions, 11. Out-patients, 339 ; Patients X-Rayed, 394.

HOLLAND COUNTY EMERGENCY HOSPITAL, BOSTON.

A large amount of work continues to be done at this hospital and 420 cases were admitted as in-patients during the year. Of these, 13 were evacuees, 229 were members of H.M. Forces, and 7 were civilian casualties. Orthopædic cases (including non-pulmonary tuberculosis and fractures) numbered 171. The work of the massage department has continuously increased, there being 3,522 treatments for in-patients and 2,805 for out-patients. 199 operations were carried out during the year and 325 plasters were applied. 1,030 X-Rays were done, including 257 for E.M.S. cases. Apart from attendances for massage and plasters, there were 421 other out-patient attendances.

COUNTY EMERGENCY HOSPITAL ANNEXE, BOSTON.

Allowing for a number of beds always reserved for air-raid casualties, the accommodation at the Annexe Hospital has been of great service, particularly in dealing with scabies, impetigo, and pediculosis when institutional treatment was advisable. Special wards were set aside for cases requiring to be cleansed. 374 patients, including members of H.M. Forces, of the Land Army, Evacuees, Public Assistance cases, orthopædic and general medical cases, were admitted to this hospital during the year, classified as follows:—Scabies 186, Impetigo 31, Pediculosis 26, Tuberculosis (non-pulmonary) 12, Orthopædic 33, Bronchitis and Pneumonia 25, Miscellaneous medical cases 61.

HOLGATE HOUSE, BOSTON.

This Hostel continued its useful purpose for the accommodation and treatment of special cases which were found to be unsuitable temporarily for billeting on private householders. The following cases were dealt with:—

| | | | |
|--------------------------------|-----|-----|----|
| In Hostel on 1st January, 1941 | ... | ... | 17 |
|--------------------------------|-----|-----|----|

Admissions:—

| | | | | | |
|----------------------------------|-----|-----|-----|-----|----|
| Bed wetters | ... | ... | ... | ... | 14 |
| Unruly children | ... | ... | ... | ... | 4 |
| Minor Ailments | ... | ... | ... | ... | 9 |
| Discharges | ... | ... | ... | ... | 37 |
| In Hostel on 31st December, 1941 | ... | ... | ... | ... | 7 |

EVACUATION SICK BAY, FREISTON HALL, Nr. BOSTON.

By arrangement with the Ministry of Health, an Evacuation Sick Bay was established at Freiston Hall, nr. Boston, at the end of the year. Accommodation is provided for 24 cases and the Sick Bay was mainly intended for the treatment of skin diseases (scabies, etc.) amongst evacuees. Use will however be made of available beds for the treatment of children normally resident in the County. As the working year did not really commence until the 1st January, 1942, details of admissions will be given in the next annual report.

AIR RAID PRECAUTIONS.

Air raid precautions work is administered by a special department, Mr. J. W. Alexander being Training Officer, and Mr. C. E. Smith, Staff and Equipment Officer. Instructions regarding the scheme are issued by the Emergency Committee. The Deputy County Medical Officer, Dr. J. Fielding, is Ambulance Officer, and the Ambulance and Medical Services are dealt with by the Health Department.

INFECTIOUS DISEASES.

Smallpox.—Acute Poliomyelitis.—No cases were reported during the year.

Whooping Cough.—315 cases were reported, 108 of which were in Boston Urban District. There were 4 deaths, all children under 5 years of age.

Diphtheria.—The number of cases of diphtheria notified was 63 compared with 55 in 1940 and 212 in 1939. Under the County Maternity and Child Welfare Scheme, immunisation may be carried out by private practitioners for children of 1 year to 1½ years of age. 156 children were immunised in this way. In addition, 391 children were immunised at County Welfare Centres. Protective treatment is also available as a routine measure at school medical inspections, and 862 children received such treatment during the year. Side by side with the County scheme, the Local Sanitary Authorities have arrangements for immunisation by private practitioners. Approximately 70 to 75% of the population up to 15 years of age are immunised. Deaths from diphtheria during the year numbered 4.

Erysipelas.—34 cases were notified.

Typhoid and Paratyphoid Fevers.—2 cases were notified, both of which occurred in the Boston Rural District. There were no deaths.

Pneumonia.—72 cases of pneumonia were notified, an increase of 6 on the previous year. There were 38 deaths.

Encephalitis Lethargica.—No cases occurred during the year.

Puerperal Pyrexia.—13 cases were notified, 8 of these being in the area administered by the County Council for maternity and child welfare purposes. 5 of the latter cases received institutional treatment.

Measles.—1943 cases were notified. The main incidence was in the Spalding Urban District where 604 cases occurred. There were 3 deaths.

Ophthalmia Neonatorum.—12 cases (including 4 in the Borough of Boston) were notified. 3 of the County cases received institutional treatment.

SCABIES.

The Scabies Order, 1941, giving powers to both the County Council and the Local Sanitary Authorities for the treatment of scabies and verminous conditions, has lead to a number of conferences between the various authorities in order to clarify the position.

Whilst some local authorities were prepared to undertake all the work in connection with this Order, except institutional treatment, others were unwilling to take any really active part in the scheme. The position has been somewhat clarified by a recent circular but this would almost certainly have been avoided had all the work been placed upon one authority in the first instance.

The number of cases dealt with at the Annexe Hospital, Boston, were 186 of scabies and 57 of verminous conditions ; whilst at minor ailment clinics 166 cases were treated during the year.

VACCINATION.

The table on page 13 shows that in 1940 (the last year for which complete figures are available) 7.8% of the children whose births were registered during the year were vaccinated. This is a decrease of 1% on the previous year. It is obvious that the arrangements now in force serve no useful purpose and it is to be hoped that, as soon as circumstances permit, legislation will be introduced with a view to the abolition of the present ineffective system and the granting of powers for such compulsory vaccination of "contacts" and others as may be necessary to control any outbreaks of smallpox.

Infectious Diseases notified in Holland County for the year ending 31st December, 1941.

| Disrict. | Cerebro-Spinal Fever. | Whooping Cough. | Diphtheria. | Erysipelas. | Scarlet Fever. | Typhoid and Paratyphoid | Puerperal Pyrexia. | Encephalitis Lethargica | Ophthalmia Neonatorum. | Pulmonary Tuberculosis. | Other Forms of Tuberculosis. | Pneumonia. | Chicken Pox. | Measles. | Total. |
|-------------------------|-----------------------|-----------------|-------------|-------------|----------------|-------------------------|--------------------|-------------------------|------------------------|-------------------------|------------------------------|------------|--------------|----------|--------|
| Urban Districts. | | | | | | | | | | | | | | | |
| Boston | 5 | 108 | 29 | 6 | 45 | — | 5 | — | 4 | 15 | 8 | 23 | 139 | 557 | 944 |
| Spalding | 1 | 81 | 3 | 7 | 25 | — | 3 | — | 5 | 4 | 4 | 16 | — | 162 | 311 |
| Rural Districts. | | | | | | | | | | | | | | | |
| Boston | 1 | 55 | 12 | 4 | 40 | 2 | 3 | — | 2 | 10 | 7 | 8 | — | 604 | 748 |
| Spalding | — | 42 | 11 | 1 | 22 | — | 1 | — | 1 | 8 | 4 | 9 | 70 | 227 | 396 |
| East Elloe | 7 | 29 | 8 | 16 | 31 | — | 1 | — | — | 4 | 4 | 16 | — | 393 | 509 |
| | 14 | 315 | 63 | 34 | 163 | 2 | 13 | — | 12 | 41 | 27 | 72 | 209 | 1943 | 2908 |

All the Sanitary Authorities are included in a Joint Board. The ordinary cases of infectious disease are accommodated at Boston. The Fleet Isolation Hospital is reserved for smallpox.

VACCINATION—RETURNS MADE BY VACCINATION OFFICERS.

| Return respecting vaccinations of children whose births were registered from 1st January, to 31st December, 1940, inclusive. | | | | | | | | | | Preliminary return for the year 1941. | |
|--|-------------------|-------------------------|------------------------------|--------------------------|-------------------|----------|-------------------|---------------------------------|--------------------------|---------------------------------------|--|
| Registration Sub-District. | Births Registered | Successfully vaccinated | Insusceptible of vaccination | Conscientious objections | Died unvaccinated | Removals | Not accounted for | Successful primary vaccinations | Conscientious objections | | |
| Boston Urban | 423 | 31 | 1 | 380 | 7 | — | — | 28 | 347 | | |
| Boston Rural | 302 | 31 | 3 | 256 | 6 | — | — | 26 | 229 | | |
| Holbeach | 141 | 14 | — | 114 | 9 | 4 | — | 17 | 109 | | |
| Long Sutton | 176 | 21 | 1 | 144 | 6 | 4 | — | 16 | 145 | | |
| Gedney Hill | 35 | 3 | — | 31 | 1 | — | — | 3 | 28 | | |
| Pinchbeck | 44 | — | — | 37 | 2 | 1 | 4 | — | 42 | | |
| Donington | 42 | 1 | — | 40 | 1 | — | — | — | 31 | | |
| Gosberton | 52 | 7 | — | 38 | 3 | 4 | — | 5 | 41 | | |
| Spalding and Cowbit | 241 | 9 | 2 | 198 | 7 | 15 | 10 | 15 | 216 | | |
| Moulton | 50 | 5 | — | 44 | — | 1 | — | 5 | 37 | | |
| Deeping St. Nicholas | 26 | 2 | — | 23 | 1 | — | — | 2 | 29 | | |
| Crowland | 52 | 3 | — | 35 | 1 | — | 13 | — | 26 | | |
| Totals | 1584 | 127 | 7 | 1340 | 44 | 29 | 27 | 117 | 1280 | | |

MATERNITY AND MIDWIFERY SERVICES.

MIDWIFERY SERVICE.

The following is a summary of the work carried out by the County Council midwives during the year:—

| District | No. of visits | | | | Total number of visits |
|---------------------------------------|---------------|--------|---------------|--------------|------------------------------|
| | Ante-natal | | De- livery | Lying- in | |
| | Home | Clinic | | | |
| Boston, Wyberton and Fishtoft | 832 | 826 | 285 | 4437 | 6380 |
| Tydd St. Mary and Sutton St. James | 113 | 2 | 19 | 250 | 384 |
| Totals | 945 | 828 | 304 | 4687 | 6764 |

The number of midwives who notified their intention to practice within the County during 1940 was 47, all of whom were trained women. This of course covers changes and relief duties. The number practising at the end of the year was 37. Routine, in addition to special inspections, were carried out during the year. Medical aid was sought by midwives in 381 cases, the classification being as follows:—

PREGNANCY.

| | | | | |
|------------------------|-----|-----|-----|----|
| Ante-partum hæmorrhage | ... | ... | ... | 19 |
| Abortions | ... | ... | ... | 7 |
| Swelling of legs | ... | ... | ... | 16 |
| Albuminuria | ... | ... | ... | 7 |
| Miscarriage | ... | ... | ... | 22 |
| Other conditions | ... | ... | ... | 26 |

LABOUR.

| | | | | |
|--------------------|-----|-----|-----|----|
| Malpresentation | ... | ... | ... | 21 |
| Excessive bleeding | ... | ... | ... | 6 |
| Retained placenta | ... | ... | ... | 9 |
| Ruptured perineum | ... | ... | ... | 95 |
| Delayed labour | ... | ... | ... | 45 |
| Other conditions | ... | ... | ... | 10 |

LYING-IN.

| | | | | | |
|---------------------|-----|-----|-----|------|----|
| Rise of temperature | ... | ... | ... | | 14 |
| Other conditions | ... | ... | ... | ... | 13 |

CHILD.

| | | | | | |
|----------------------|-----|-----|-----|-----|----|
| Dangerous feebleness | ... | ... | ... | ... | 27 |
| Inflammation of eyes | ... | ... | ... | ... | 22 |
| Stillbirth | ... | ... | ... | ... | 14 |
| Other conditions | ... | ... | ... | ... | 8 |

Notifications of artificial feeding numbered 32.

CONSULTATIONS.

During 1941, 25 maternity cases were referred to the Consultants for the following conditions:—Transverse lie 1; Small pelvis 2; Pelvic contraction 2; Ante-partum hæmorrhage 4; Hyperpiesis 1; Prolapsed cord 1; Puerperal pyrexia 2; Eclampsia 2; Breech presentation 3; Toxaemia 1; Phlebitis 1; Pyelitis 1; Vaginal tumour 1; Others 2.

DENTAL TREATMENT.

During the year, 16 cases were treated by the County dentists. 29 cases in which dentures were necessary, were treated by private dentists under the Council's scheme and contributions recovered in accordance with the scale.

INFANT LIFE PROTECTION.

The visitation and supervision of children maintained for reward by foster-parents is undertaken by the County Health Visitors. At the close of the year, there were 7 such children in the charge of 6 foster-parents.

Children boarded out by the Public Assistance Committee received frequent visits from the Health Visitors.

MATERNITY BEDS.

128 cases were dealt with at the Spalding Institution and there seems little doubt that a strong demand is present for increased maternity bed provision.

15 cases were dealt with at the Boston Institution.

Difficult midwifery cases are admitted by special arrangement into Boston and Lynn Hospitals, and cases of puerperal pyrexia to the Isolation Hospital at Boston. During the year 27 cases were dealt with in Boston General Hospital, 2 at Lynn, and 5 at the Boston Isolation Hospital.

On a report from the Ministry of Health it was decided, in January, 1941, to establish a Maternity Unit of 8 to 10 beds, and efforts were continued during the year to that end. A Conference was held with the Committee of the Boston General Hospital, but no agreement could be reached as to terms. It was therefore decided to establish a Unit at one of the Council's Institutions namely, the Holbeach and District Emergency Hospital. Although this did not come into operation during 1941, the Maternity Block was opened early in 1942, and is now working most satisfactorily. It will no doubt prove to be a great asset to the Service.

The County Council is the Supervisory Authority for the whole County (including the Borough of Boston). The number of cases in the area attended during the year by midwives was as follows:—

| | | Domiciliary Cases. | Cases in Institutions. | Totals. |
|---------------------|-----|-----------------------|---------------------------|---------|
| As midwives | ... | 909 | 249 | 1158 |
| As maternity nurses | ... | 339 | 104 | 443 |

CARE OF CHILDREN OF LAND WORKERS.

Special consideration was given by the Maternity and Child Welfare Committee to the above matter, but no action was taken, as there did not appear to be sufficient demand in this area for such provision.

INFANT WELFARE CENTRES.

The work of the Infant Welfare Centres has been fully maintained and attendances of mothers and children have been very satisfactory. There has been some increase in the demand for national dried milk but, in some cases, distribution difficulties arose and, in consequence, there is still a considerable demand for proprietary brands of dried milk, of which 11,818lbs. were issued during the year. Arrangements are in force at each centre for the immunisation of children against diphtheria and the scheme is having good results.

The figures for the County Welfare Centres are as follows:—

| | Crowland | Donington | Holbeach | Kirton | Long Sutton | Spalding | Sutton Bridge | Swineshead | Wrangle |
|----------------------------------|----------|-----------|----------|--------|-------------|----------|---------------|------------|---------|
| Number of Sessions .. | 52 | 52 | 51 | 53 | 51 | 106 | 53 | 52 | 51 |
| NEW CASES— | | | | | | | | | |
| Mothers | 43 | 52 | 114 | 67 | 67 | 289 | 99 | 33 | 35 |
| Children under 1 year | 43 | 58 | 83 | 52 | 76 | 217 | 64 | 30 | 54 |
| Children over 1 year | 10 | 35 | 48 | 31 | 24 | 66 | 49 | 10 | 15 |
| OLD CASES— | | | | | | | | | |
| Mothers | 1040 | 1186 | 1830 | 849 | 2486 | 2414 | 1550 | 805 | 409 |
| Children under 1 year | 483 | 693 | 924 | 548 | 1144 | 1761 | 881 | 551 | 309 |
| Children over 1 year | 645 | 580 | 1043 | 543 | 1387 | 1687 | 790 | 428 | 247 |
| No. of Consultations | 278 | 244 | 586 | 408 | 633 | 1194 | 441 | 312 | 398 |
| No. of ante-natal attendances | 15 | 3 | 5 | — | — | 477 | 16 | 1 | — |
| No. of Health Talks .. | — | — | — | — | — | — | 3 | — | — |

By arrangement with the Boston Corporation, mothers and babies resident in the County area may attend the Boston Infant Welfare Centre.

| | | | | |
|--------------------------------------|-----|-----|-----|-----|
| New cases attending Centre | ... | ... | ... | 79 |
| Attendances of children under 1 year | ... | ... | ... | 515 |
| Attendances of children over 1 year | ... | ... | ... | 276 |

HEALTH VISITING.

A total of 22,826 visits were made by the County Health Visitors to children under school age, namely 9,742 to children under 1 year of age and 13,084 visits to children between the ages of one and 5 years.

INSPECTION AND SUPERVISION OF FOOD.

FOOD AND DRUGS ACTS.

In spite of difficulties, 357 samples were taken by the Sampling Officer during the year; this is an increase of 23 in the previous year. The nature of the samples was as follows :—Milk 302, Butter 3, Sugar 3, Malt Vinegar 2, Canned Vegetables 1, Friars Balsam 1, Iodine Solution 2, Aspirin Tablets 5, Bismuthated Magnesia 1, Ground Ginger 1, Pepper 1, Custard Powder 2, Pudding Powder 1, Cocoa 1, Margarine 1, Meat Paste 1, Camphorated Oil 1, Castor Oil 1, Anti-Gas Ointment 1, Syrup of Figs 1, Tannic Acid Jelly 1, Cooking Fat 1, Flavouring Essences 4, Salad Oil 2, Soup Powder 1, Onion Extract 1, Orange Substitute 1, Sugar Substitute 2, Coffee (ground) 2, Spirits of Gin 2, Zinc Ointment 1, Saccharin Tablets 5, Prepared Mustard 1, Onion Substitute 1.

The table below shows the action taken with regard to samples reported as being below standard or adulterated:—

| Nature of No. sample. | | Nature of Irregularity. | | Action Taken. |
|--------------------------|-------|-------------------------|--------------------------------------|--|
| 1 | Milk. | 12% | Added Water. | Fined £10 and £1 costs— Holland County Court. |
| 2 | Milk. | 10% | Extraneous Water. | No action. Fat content high and no analytical evidence that extraneous water was added water. Re-sample, satisfac- tory. |
| 3 | Milk. | 5% | Fat Deficiency. | Warned. |
| 4 | Milk. | 5½% 4% | Fat Deficiency. Extraneous Water. | Warned. No analytical evi- dence that extraneous water was added water. |
| 5 | Milk. | 3% | Fat Deficiency. | Warned. |
| 6 | Milk. | 11% | Fat Deficiency. | Warned. |
| 7 | Milk. | 12% | Fat Deficiency. | Warned. |
| 8 | Milk. | 17% | Fat Deficiency. | Fined £1 and 10/6 costs. |
| 9 | Milk. | 6% | Fat Deficiency. | Warned. |
| 10 | Milk. | 14% | Fat Deficiency. | Warned. |
| 11 | Milk. | 21% | Fat Deficiency. | No action. This sample taken from one churn, the average Fat content of both churns, sampled as delivered, being 8.22% above legal require- ments, the two churns of milk comprised one delivery from producer to retailer. |
| 12 | Milk. | 7% | Fat Deficiency. | No action. Sample obtained from one churn, the second churn sampled brought aver- age above legal requirements. |
| 13 | Milk. | 3% | Fat Deficiency. | Warned. |
| 14 | Milk. | 12% | Fat Deficiency. | Warned. |
| 15 | Milk. | 11% | Fat Deficiency. | Warned. |
| 16 | Milk. | 6% | Fat Deficiency. | Warned. |
| 17 | Milk. | 6% | Fat Deficiency. | Warned. |
| 18 | Milk. | 3% 6% | Extraneous Water. Fat Deficiency. | No evidence (analytical) that water was added; being fol- lowed up. |
| 19 | Milk. | 6% | Extraneous Water. | No immediate action. Fol- lowed up, and fined on strength of later sample. |
| 20 | Milk. | 17% | Extraneous Water. | No action, as retailer was seen to pick up milk before sample was taken. Producer followed up instead. |
| 21 | Milk. | 3% | Fat Deficient. | Warned. |
| 22 | Milk. | 9% | Added Water. | Fined £1 and 5/4 costs— Holland County Court. |
| 23 | Milk. | 19% | Added Water. | Fined £2 and 5/4 costs— Holland County Court. |
| 24 | Milk. | 3% 17% | Added Water, and Fat Deficiency. | Fined 10/- and 5/4 costs— Holland County Court. |
| 25 | Milk. | 23% | Fat Deficiency. | Fined £2 and 13/6 costs— Spalding Court. |
| 26 | Milk. | 17% | Extraneous Water. | Fined 5/- and 10/6 costs— Spalding Court. |
| 27 | Milk. | 27% | Added Water. | Fined £10 and £2 2s. costs— Long Sutton Court. |

MILK (SPECIAL DESIGNATIONS) ORDERS, 1936-38.

There were 24 producers on the roll licensed as Accredited Producers at the commencement of the year, but only 21 at the end of the year ; the difference is accounted for by 3 producers having changed over to rearing calves in place of selling milk, the reason for such a change being the difficulty experienced in obtaining suitable labour for milking purposes.

Practically all producers have similar trouble with labour for milking, which is made worse by the necessity for devoting more time to intensive agricultural work.

WELFARE OF THE BLIND.

The Committee of the Boston and Holland Blind Society continues to act on behalf of the County Council for the administration of Blind Welfare throughout the County. The report of the Society draws attention to the fact that it will complete 25 years of service on 1st October, 1942, during which time the work has steadily progressed. At the present time, one boy is at a Sunshine Home, 3 children are at special schools, two men are being trained as basket makers, and two girls as stocking machine knitters; there are also nine home workers. In connection with welfare work 3,392 home visits have been paid by the Home Teacher and Secretary. Eighty necessitous blind persons and their dependents have received regular grants of domiciliary assistance during the year. The Home and Hostel at Boston (Sunniholme) has been full throughout the year with 15 residents.

The following figures from the Society's report shows the position regarding the registered blind:—

On March 31st, 1942, the number of Registered Blind Persons was 132, a decrease of ten on last year. The majority of the new cases were Old Age Pensioners referred to us on application for Supplementary Pensions.

| | Adults. | School cases. | Under school age. |
|-------------------------------------|---------|---------------|-------------------|
| Tuberculosis (Surgical). | | | |
| Epididimitis | 1 | — | — |
| Tabes Mesenterica | — | — | — |
| Tubercular glands of neck ... | 6 | 18 | — |
| Tuberculosis of bones or joints ... | 17 | 8 | — |
| Observation cases | 6 | 4 | 1 |
| Non-tuberculous conditions. | | | |
| Postural deformities of spine ... | 11 | 10 | 1 |
| Rachitic deformities | 1 | 10 | 12 |
| Paralytic deformities | — | 3 | — |
| Congenital deformities of foot ... | 2 | 19 | 21 |
| Torticollis | 2 | 2 | 6 |
| Spina Bifida | — | 1 | — |
| Congenital dislocation of hip ... | 3 | 4 | 2 |
| Perthe's Disease | — | 2 | — |
| Hallux Valgus, hammer toes, etc. | 4 | 4 | 4 |
| Osteomyelitis | 3 | 3 | — |
| Hernia | 1 | 2 | 2 |
| Poliomyelitis | 9 | 8 | 1 |
| Scoliosis | 9 | — | — |
| Flat feet | 2 | 6 | 1 |
| Fractures | 14 | 2 | — |
| Osgood Schlatter's disease ... | — | 1 | — |
| Undescended testes | — | 11 | — |
| Cervical adenitis | — | 4 | 1 |
| Webbed fingers | — | 1 | 2 |
| Other conditions | 15 | 29 | 12 |
| Naevus | — | — | 11 |
| | 106 | 152 | 77 |

The Orthopædic Nurses, Miss Boyd and Miss Cook, have continued with the domiciliary work in South and North Holland respectively. The orthopædic block at the County Emergency Hospital, Boston, has been continuously full and with an increasing number of adult orthopædic cases, patients have been accommodated also in the Annexe Hospital, and in out-county institutions.

Institutional treatment for County cases was provided during the year as follows:—

| | | | |
|------------------------------|-----|-----|----|
| Tuberculosis (non-pulmonary) | ... | ... | 31 |
| School Medical Service | ... | ... | 41 |
| Maternity and Child Welfare | ... | ... | 19 |
| xGeneral Orthopædic | ... | ... | 54 |

x These figures refer to cases not eligible to be dealt with under the Tuberculosis, School Medical Service or Maternity and Child Welfare Schemes.

MENTAL DEFICIENCY ACTS, 1913-1938.

No changes have occurred in our arrangements during the year 1941. The number of ascertained cases on the register at the end of the year was 318, an increase of 3 on the previous year. Of the 7 cases referred by Local Education Authorities, 3 were sent to Certified Institutions. The accommodation provided by the Lincolnshire Joint Board for the Mentally Defective has proved adequate; on the 31st December, 1941, 116 reception orders were in force, including 8 patients on temporary licence. Mental defectives under statutory supervision have been visited regularly by the Health Visitors who act as Supervision Officers.

The following table shows the position in the County as on 31st December, 1941:—

| | Males. | Females. | Total. |
|--|--------|----------|--------|
| IN INSTITUTIONS UNDER "ORDER". | | | |
| Under 16 years of age | 7 | 5 | 12 |
| Aged 16 years and over | 44 | 52 | 69 |
| ON LICENCE FROM INSTITUTIONS | 4 | 3 | 7 |
| UNDER GUARDIANSHIP | — | 1 | 1 |
| UNDER STATUTORY SUPERVISION | 87 | 68 | 155 |
| MENTAL DEFECTIVES IN RECEIPT OF RELIEF. | | | |
| (a) In Public Assistance Institutions (not approved under Section 37) ... | 5 | 10 | 15 |
| (b) In Approved Institutions | — | 1 | 1 |
| (c) Domiciliary | — | — | — |
| Cases under Voluntary Supervision | 14 | 17 | 31 |

MENTAL TREATMENT ACT.

There is a clinic for early mental cases at the Lincoln County Hospital and cases can also be seen at the Bracebridge Mental Hospital. Four voluntary patients were admitted to the Bracebridge Health Hospital during the year.

CANCER SCHEME.

In January, 1941, it was agreed to adopt the Joint Lincolnshire Scheme with beds and equipment at Scunthorpe Memorial Hospital. This scheme has now come into operation under the direction of a Joint Committee. A Director of Radio Therapy (Dr. Walker) has been appointed and the arrangements for the working of the scheme are being made.

RATS AND MICE DESTRUCTION ACT, 1919.

The Agricultural Committee asked for the transfer of the County Council's powers under this Act to the Local Sanitary Authorities. In spite of the protests of the Public Health Committee this was done. No improvement in the position has been noted.

CIVIL NURSING RESERVE.

The Local Emergency Committee for the Nursing Profession has met regularly to deal with applications for enrolment and other questions appertaining to the Reserve. By the end of the year, the accumulated total of applications for nursing auxiliaries was 371; and of these 240 had completed their training.

The following tables shows the state of the register on 31st December, 1941:—

| Category | Mobile. | Immobile. | Immobile. | Totals. |
|------------------------------|-------------|-------------|------------|---------|
| | Whole-time. | Whole-time. | Part-time. | |
| Trained Nurses | 5 | 14 | 11 | 30 |
| Assistant Nurses | 8 | 6 | 9 | 23 |
| Nursing Auxiliaries— | | | | |
| (a) Directly recruited | 31 | 10 | 60 | 101 |
| (b) St. John | 6 | 7 | 29 | 42 |
| (c) Red Cross | 10 | 13 | 74 | 97 |
| | — | — | — | — |
| Totals | 60 | 50 | 183 | 293 |
| | — | — | — | — |

Many applicants for training as auxiliaries preferred to take intensive training in hospital to qualify. Two such courses were arranged at the Annexe Hospital, Boston; at the first course 15 trainees took part and qualified whilst, at the second course, 15 attended and 13 were successful. In addition, a few applicants attended similar hospital courses at other hospitals in the Region.

A Refresher Course (6 lectures) for Trained and Assistant Nurses was given at Spalding by the Travelling Sister Tutor of the Ministry of Health. There was an average attendance of 12, and the course proved very instructive.

A refresher course combined with social activities was commenced in Boston in March, 1941, mainly for auxiliaries. Expert lecturers and demonstrators conducted the course monthly; it was very successful both from the educational and recreational points of view and there was an average attendance of 110. It is proposed to arrange a course on somewhat similar lines at Spalding.

Valuable assistance has been given throughout the year by the Regional Nursing Officer and Regional Staff.

TUBERCULOSIS.

The County Sanatorium again functioned as an Emergency Hospital in the year under review. Pulmonary cases were accommodated in six out-County sanatoria.

68 artificial pneumothorax refills were given during the year.

The following figures show the extent to which residential treatment was provided during the year 1940:—

| | | | In Institutions on Jan. 1 | Admitted during the year | Discharged during the year | Died in the Institution | In Institutions on Dec. 31 |
|--------------------|----------|----|---------------------------|--------------------------|----------------------------|-------------------------|----------------------------|
| Number of Patients | Adults | M. | 5 | 20 | 14 | 5 | 6 |
| | | F. | 10 | 17 | 10 | 1 | 16 |
| | Children | | 7 | 27 | 26 | 1 | 7 |
| | Total | | 22 | 64 | 50 | 7 | 29 |

Care Committee. This Voluntary Committee has continued to give valuable co-operation in the anti-tuberculosis scheme and the help has been gratefully acknowledged by the County Council. The following is an extract from the report for the year ended 31st March, 1942.

“ The Seventh Annual Report which the Executive Committee now submit is again a war-time report and is therefore of an abridged nature. It is, however, pleasing to report that, although any expansion of activities has not been possible, the essentials of the service have been maintained thanks to the all round interest shown in the work. The number of cases dealt with by the Committee during the year was 109.

The provision of suitable educational facilities for the children in the Orthopædic Block of the County Emergency Hospital at Boston appears to have reached a final stage as, with the approval of the Education Authority and of the Board of Education, a full-time teacher is to be appointed and the Hospital will have the status of a Special School.

The Executive Committee has continued to meet monthly for the consideration and review of cases and, although reduced travelling facilities have been a drawback, attendances have been well maintained.

The nature of assistance given is much the same as in the previous year and the following statement shows the assistance given by the Committee during the year :—

- (a) allowance of milk (approx. 2,400 gallons) and dairy produce to 83 families.
- (b) other food grants (groceries, meat, etc.), to 4 families,
- (c) drugs and dressings in 2 cases,
- (d) boots, clothing, etc., in 5 cases, excluding assistance given by members of the Committee.
- (e) recommendations for re-housing in 4 cases.
- (f) miscellaneous—6 cases.

The visitors, who are members of the Care Committee, have established personal contact by visits to the homes and by friendly advice apart from any assistance recommended, have done everything possible to achieve the objects of the Committee. Milk has again formed the major part of the assistance given.

The Committee was most fortunate in that Mrs. Compton again undertook the organisation of the Seal Sale and excellent co-operation was forthcoming from voluntary organisations, cinemas, and other bodies. The supplies of seals were received free of cost from Canada and a profit of £216 17s. 2d. was made available for care work. The success of the sale may be judged by the fact that the gross receipts increased by 63% and such a result could only be attained by most persevering effort on the part of the Organiser and her helpers.

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1930.

Part I.—Summary of Notifications during the period 1st Jan., 1941, to the 31st Dec., 1941, in the area of the County of Lincolnshire (Holland).

| AGE PERIODS | Formal Notifications | | | | | | | | | | | | | Total |
|----------------|--|--------|--------|---------|----------|----------|----------|----------|----------|----------|----------|----|----|-------|
| | Number of Primary Notifications of new cases of tuberculosis | | | | | | | | | | | | | |
| | 0 to 1 | 1 to 1 | 1 to 5 | 5 to 10 | 10 to 15 | 15 to 20 | 20 to 25 | 25 to 35 | 35 to 45 | 45 to 55 | 55 to 65 | 65 | | |
| Pulmonary— | | | | | | | | | | | | | | |
| Males | — | — | — | — | 1 | — | 3 | 6 | 2 | 3 | 2 | 1 | 18 | |
| Females | — | — | — | 3 | 2 | 1 | 2 | 6 | 3 | 1 | 3 | — | 21 | |
| Non-Pulmonary— | | | | | | | | | | | | | | |
| Males | — | — | — | 2 | 4 | 1 | 2 | — | — | — | — | — | 9 | |
| Females | 1 | 3 | 3 | 3 | 2 | 4 | 1 | — | 3 | 1 | — | 1 | 19 | |

Part II.—Supplemental Return.

New cases of Tuberculosis coming to the knowledge of the Medical Officer of Health during the above mentioned period, otherwise than by formal notification.

| | | | | | | | | | | | | | |
|----------------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pulmonary— | | | | | | | | | | | | | |
| Males | — | — | — | — | 1 | 4 | — | — | — | — | — | 5 | |
| Females | — | — | — | — | — | — | — | — | — | — | — | — | |
| Non-Pulmonary— | | | | | | | | | | | | | |
| Males | — | — | — | — | — | — | — | — | — | — | — | — | |
| Females | — | — | — | 1 | — | — | — | — | — | — | — | — | 1 |

TUBERCULOSIS.

Return showing the work of the Dispensaries during the year 1941.

| Diagnosis. | Pulmonary | | | | Non-Pulmonary | | | | Total | | | | Grand Total | | |
|--|-----------|-----|----|----|---------------|----|----|----|--------|-----|----|----|-------------|----------|--|
| | Adults | | | | Children | | | | Adults | | | | | Children | |
| | M | F | M | F | M | F | M | F | M | F | M | F | | | |
| A--Number of definite cases on Register at beginning of year | 116 | 113 | 10 | 11 | 36 | 36 | 39 | 18 | 152 | 149 | 49 | 29 | 379 | | |
| B--Number of new cases diagnosed during the year. | | | | | | | | | | | | | | | |
| Class T.B. minus | 6 | 3 | — | 1 | — | — | — | — | 6 | 3 | — | 1 | 10 | | |
| Class T.B. plus | 9 | 10 | 1 | 2 | — | — | — | — | 9 | 10 | 1 | 2 | 22 | | |
| Non-Pulmonary | — | — | — | — | 4 | 4 | 6 | 13 | 4 | 4 | 6 | 13 | 27 | | |
| C--Number of cases in A and B written off during the year. | | | | | | | | | | | | | | | |
| Recovered | 10 | 21 | 1 | — | 9 | 12 | 10 | 6 | 19 | 33 | 11 | 6 | 69 | | |
| Dead (all causes) | 13 | 9 | — | 4 | 4 | 3 | 1 | — | 17 | 12 | 1 | 4 | 34 | | |
| Removed to other areas. | 3 | 4 | — | 1 | — | 2 | — | — | 3 | 6 | — | 1 | 10 | | |
| For other reasons | 7 | — | 1 | 1 | 2 | 1 | 2 | — | 9 | 1 | 3 | 1 | 14 | | |
| D--Number of definite cases on Register at the end of the year | 98 | 92 | 9 | 8 | 25 | 22 | 32 | 25 | 123 | 114 | 41 | 33 | 311 | | |

VENEREAL DISEASES.

There has been no change in the arrangements for the treatment of Venereal Diseases. Most of the clinic treatment is given at Boston and Spalding, but a few patients have attended at Peterborough and King's Lynn. The total number of new cases attending the Clinic was slightly less than for the previous year. I wish to make a plea for powers to be made so that known defaulters in an infectious state can be made to attend for treatment. Such defaulters, when it is known that they are infecting others, constitute an intolerable nuisance, and are a menace to society.

Abstract relating to Holland patients treated at the Venereal Diseases Treatment Centres.

| | Boston | Spalding | Peterborough and Ketton | Lynn | Total |
|---|--------|----------|-------------------------|------|-------|
| A—Number of persons dealt with for the first time and found to be suffering from— | | | | | |
| Syphilis | 9 | 3 | 2 | — | 14 |
| Soft Chancre .. | — | — | — | — | — |
| Gonorrhoea .. | 22 | 13 | 1 | 1 | 37 |
| Conditions other than Venereal | 29 | 22 | 1 | 1 | 53 |
| Total | 60 | 38 | 4 | 2 | 104 |
| B—Attendances of all patients | 1295 | 615 | 97 | 19 | 2026 |

Cases requiring institutional treatment have been dealt with in the Scarthoe Road Institution, Grimsby.

The following table gives the main statistics in connection with venereal diseases since 1937.

| Year | Syphilis | Soft Chancre | Gonorrhoea | Total Venereal Diseases | Diseases other than Venereal | Total New Cases | Total Attendances |
|------|----------|--------------|------------|-------------------------|------------------------------|-----------------|-------------------|
| 1937 | 30 | Nil | 46 | 76 | 32 | 108 | 4790 |
| 1938 | 21 | Nil | 55 | 76 | 34 | 110 | 3909 |
| 1939 | 20 | Nil | 57 | 77 | 35 | 112 | 2543 |
| 1940 | 14 | Nil | 33 | 47 | 62 | 109 | 2075 |
| 1941 | 14 | Nil | 36 | 50 | 52 | 102 | 2026 |